Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No.
NMNM19859

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
MONET FEDERAL COM 9H

2. Name of Operator
COG OPERATING LLC

Contact: MAYTE X REYES
E-Mail: mreyes1@concho.com

9. API Well No.
30-025-42766

3a. Address
2208 WEST MAIN STREET
ARTESIA, NM 88210

3b. Phone No. (include area code)
Ph: 575-748-6945

10. Field and Pool, or Exploratory
RED HILLS; BONE SPRING

HOBBS OCD

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 4 T25S R33E NENE 190FNL 1020FWL

MAR 21 2016

11. County or Parish, and State
LEA COUNTY, NM

RECEIVED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

COG Operating LLC, respectfully requests approval to perform remedial cementing operations as detailed on the attached.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #333908 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by KENNETH RENNICK on 03/16/2016 ()

Name *(Printed/Typed)* KENNETH LAFORTUNE — Title SR. OPERATIONS ENGINEER

Signature (Electronic Submission) — Date 03/16/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By Kenneth Rennick — Title Petroleum Engineer — Date 3/16/2016

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Carlsbad Field Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

MAR 22 2016

Monet Federal Com 9H
30-025-42766
COG Operating, LLC
Conditions of Approval

Notify BLM at 575-393-3612 (Lea County) a minimum of 24 hours prior to commencing work. Some procedures are to be witnessed. If there is no response, leave a voice mail with the API#, workover purpose and a call back phone number.

Work to be completed by within ninety (90) days from the approval date.

1. Operator is approved to complete proposed remedial work. Cement shall tie-back at least **500 feet** into the intermediate casing string behind the production casing.

2. Operator shall conduct a pressure test between casing and annulus as proposed. Test should be run for **30 minutes**. **Submit results to BLM in subsequent sundry**. The test is to be performed to **1500 psi**. Notify BLM if test fails. Document the pressure test on a one hour full rotation calibrated recorder chart registering within 25 to 85 percent of its full range. Greater than 10% pressure leakoff will be viewed as a failed tested. Less than 10% pressure leakoff will be evaluated site specifically and may restrict injection approval.

3. **Subsequent sundry required detailing work done. Operator to include well bore schematic of current well condition when work is complete. <u>The CBL-GR shall also be submitted with the subsequent sundry for verification of the 500 feet tie-back.</u>**

4. A minimum of a **3000 (3M)** BOP to be used. All blowout preventer (BOP) and related equipment (BOPE) shall comply with reasonable well control requirements. A two ram system with a blind ram and a pipe ram designed for the size of the work string shall be adequate. Tapered work strings will require an additional pipe ram. The manifold shall comply with Onshore Oil and Gas Order #2 Attachment I (**3M Diagrams of Choke Manifold Equipment**). The accumulator system shall have an immediately available power source to close the rams and retain 200 psi above pre-charge. The pre-charge test shall follow requirements in Onshore Order #2.

5. Closed loop system required.

6. All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of work over operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.

7. Operator to have H2S monitoring equipment on location.

KGR 03162016

Procedure:

1. MIRU cementing unit.
2. Prepare to pump down 5-1/2" x 9-5/8" annulus.
3. Establish injection rate and pressure. (Be Sure to Chart)
4. Use the following pump schedule:
5. Pump 10 bbl FW spacer.
6. Pump 10 bbl 10% CaCl2 water.
7. Pump 10 bbl FW spacer.
8. Pump 12 bbl Flochek.
9. Pump 10 bbl FW spacer.
10. Mix and pump 130 sacks 14.2 ppg HalCem C w/ 10% CalSeal, 2% CaCl2 and WellLife 734.
11. Mix and pump 700 sacks 14.2 ppg HalCem C w/ 10% CalSeal, 2% CaCl2.
12. Pump 1 bbl of FW displacement.
13. Shut down, wash up pumps and lines.
14. Shut in well.
15. RDMO cementing equipment.
16. Allow cement to set for 24 hours.
17. RIH with GR-CBL to 6,000'.
    a. Log GR-CBL to 500' above TOC with 1,500 psi. on 5-1/2" casing.
18. Load and test 5-1/2"x9-5/8" annulus to 1,500 psi.
    a. Chart and record for 30 minutes.
19. Shut in well head and ensure valve is not leaking.
20. RDMO all associated equipment.

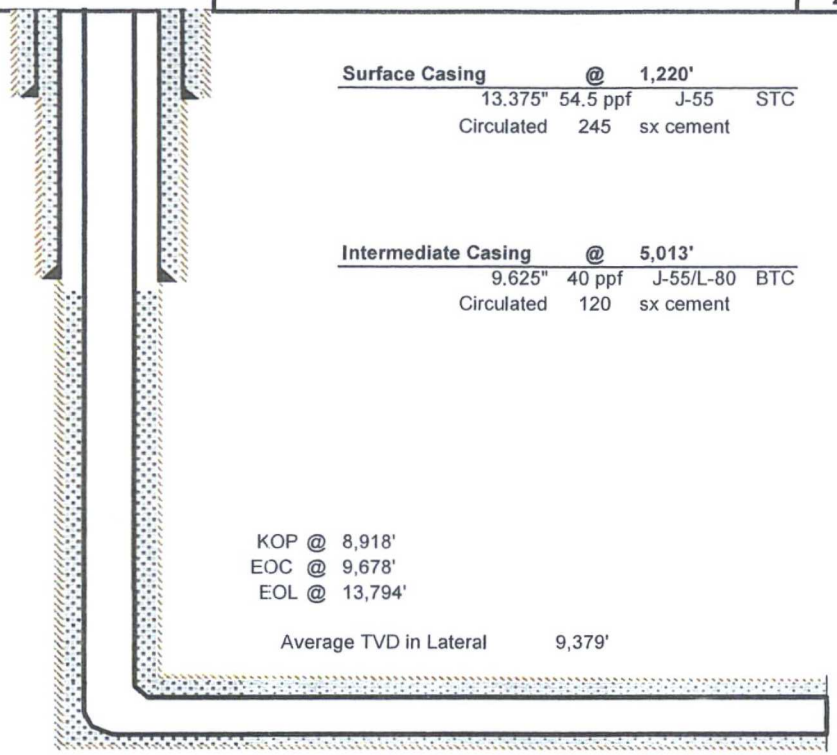
CONCHO

CURRENT WELL SKETCH

API: 30-025-42766
SPUD: 2/6/2016
FRR: 2/23/2016
RIG: McVay 7

Monet Fed No. 9H
Red Hills Field
Lea County

Sec 4 T/B 25S R/Svy 33E
SHL: 190' FNL & 1,020' FWL
BHL: 340' FSL & 1,006' FWL (est.)
Sec 4 T/B 25S R/Svy 33E
GL: 3,463'
KB: 3,480'
ZERO: 17'



Surface Casing @ 1,220'
13.375" 54.5 ppf J-55 STC
Circulated 245 sx cement

Intermediate Casing @ 5,013'
9.625" 40 ppf J-55/L-80 BTC
Circulated 120 sx cement

KOP @ 8,918'
EOC @ 9,678'
EOL @ 13,794'

Average TVD in Lateral 9,379'

Production Casing @ 13,794'
5.5" 17 ppf P-110 LTC
FC (PBTD) 13,776'
Notes: Planned Wet Shoe
Circulated: 0 sx cement
Estimated TOC by temp survey: 5,225'
MJ: 8,674'

HOLE SIZE	MW (ppg)	BHST (F)	Evaluation
17.5"	9.7		No Logs
12.25"	10		No Logs
8.75	9.1	151F (est)	Mud Logs

Updated by	T. Cage
Date:	3/15/2016

Pump Schedule

Customer Name: Concho
Well Name: Monet Fed 9H
Formation: Avalon
Fluid Type: Fresh Water

CONCHO

Max PSI: 2000 *Max Rate:* 4
Avg PSI: 500 *Avg Rate:* 4

DESCRIPTION	VOLUME Gallons	SACKS	VOLUME cuft	SLURRY RATE bpm	SLURRY VOLUME bbls	SLURRY VOLUME cum	RATE bpm					STAGE TIME min
Injection FW	420			4.0	10.0	10.0	4.0					0:02:30
10% CaCl2	420			4.0	10.0	20.0	4.0					0:02:30
FW Spacer	420			4.0	10.0	30.0	4.0					0:02:30
Flochek	504			4.0	12.0	42.0	4.0					0:03:00
FW Spacer	420			4.0	10.0	52.0	4.0					0:02:30
Thixotropic 14.2 ppg w/ WellLife	1606	130.00	214.76	4.0	38.2	90.2	4.0					0:09:33
Thixotropic 14.2 ppg	8650	700.00	1156.40	4.0	206.0	296.2	4.0					0:51:27
Displacement	42			4.0	1.0	297.2	4.0					0:00:15
Mix and pump at 4 bpm												
Expected pressure < 500 psi												
Anticipate 0 psi at shutdown												
Displace 1 bbl												
Clean up lines to tanks												
Design Totals -->		830.00	1371.16		297.2			286.2		8305945		1:14:15
Actual Totals -->												

Prepared By: K. LaFortune

CONCHO

5-1/2" x 9-5/8" Recement

Monet Federal 9H

190' FNL & 1,020' FWL, Sec 4, T25S R33E
Lea County, NM
API # 30-025-42766

Well Information

Lea County

KB: 3,480'
GL: 3,463'

API:	30-025-42766
Field:	Red Hills Field
Target:	Upper Avalon Shale
Logs:	Mud Logs
Lateral Orientation:	N-S SHL: 190' FNL & 1,020' FWL Sec 4, T25S/R33E BHL: 340' FSL & 1,006' FWL (est.) Sec 4, T25S/R33E
Directions to Well:	See Attachment
GPS:	32.166221° N 103.582003° W
Wellhead:	7-1/16" 10M
Frac Valve:	KLX
Casing:	13.375" 54.5 ppf J-55 STC @ 1,220' circulated: 245 sx 9.625" 40 ppf J-55/L-80 BTC @ 5,013' circulated: 120 sx 5.5" 17 ppf P-110 LTC @ 13,794' circulated: 0 sx PBTD: 13,776' (FC) MJ: 8,674' Estimated TOC 5,225' by temp survey

Casing	Wt	Grade	Burst	Collapse	ID	Drift
13.375"	54.5 ppf	J-55				
9.625"	40 ppf	J-55/L-80				
5.5"	17 ppf	P-110	10,640	7,480	4.892	4.767